

# Human FGF1 protein (active)

**Cat. No. GTX48453-pro**

<b>Applications</b>	Functional Assay
<b>Species</b>	Human

**Package**  
50 µg

## Applications

### Application Note

Assay #1: The ED<sub>50</sub> was determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF receptors is  $\leq 10$  ng/ml, corresponding to a specific activity of  $\geq 1 \times 10^5$  units/mg. Assay #2: The ED<sub>50</sub> was determined by a cell proliferation assay using balb/c 3T3 cells is  $\leq 0.5$  ng/ml in the presence of 10 µg/ml heparin, corresponding to a specific activity of  $\geq 2 \times 10^6$  units/mg.

## Properties

<b>Form</b>	Lyophilized powder
<b>Buffer</b>	Batch dependent (please contact us for details)
<b>Storage</b>	Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.
<b>Region/Sequence</b>	MFNLPPGNYK KPKLLYCSNG GHFLRLPDG TVDGTDRSD QHIQLQLSAE SVGEVYIKST ETGQYLAMDT DGLLYGSQTP NEECLFLERL EENHYNTYIS KKHAENWFV GLKKNKGSKR GPRTHYGQKA ILFLPLPVSS D
<b>Expression System</b>	E. coli
<b>Purity</b>	> 95% by SDS-PAGE and HPLC.
<b>Endotoxin</b>	< 1 EU/µg
<b>Conjugation</b>	Unconjugated

### Note

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